

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 06315977
PUBLICATION DATE : 15-11-94

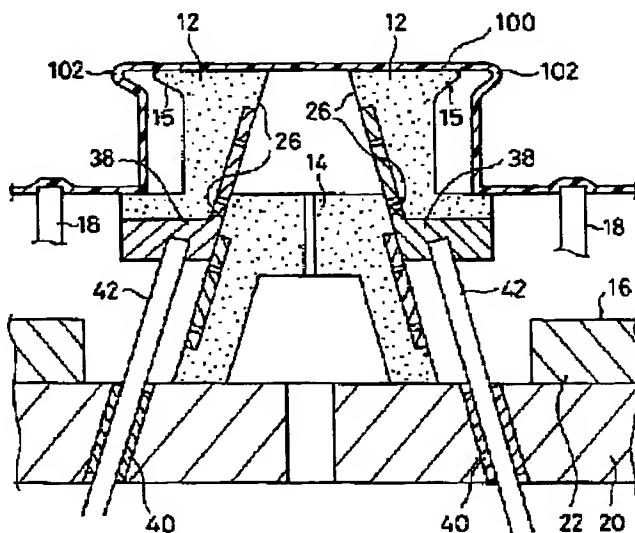
APPLICATION DATE : 30-04-93
APPLICATION NUMBER : 05128072

APPLICANT : TOYODA GOSEI CO LTD;

INVENTOR : BABA NOBUYOSHI;

INT.CL. : B29C 51/34

TITLE : MOLDING OF RESIN SHEET
MATERIAL



ABSTRACT : PURPOSE: To easily release a molded object without deforming an undercut part.

CONSTITUTION: The undercut shaping mold part 12 joined to a core shaping mold part 14 along a inclined surface 26 is moved along the inclined surface 26 in an oblique upward direction with respect to the core shaping mold part 14 by pushing out undercut shaping mold part pushing-out pins 42. By the oblique upward movement of the undercut shaping mold part 12 along the inclined surface 26, the undercut shaping mold part 12 is separated from the core shaping mold part 14 and the protruding part 15 of the undercut shaping mold part 12 is allowed to retreat from the undercut part 102 of a molded object 100. By this constitution, the interference of the protruding part 15 of the undercut shaping mold part 12 with the undercut part 102 is eliminated.

COPYRIGHT: (C)1994,JPO